

**Elgin Community College & Aurora University**  
**BS Biology Secondary Education 2 + 2**

**First Year at ECC**

**First Semester**

<b><u>ECC</u></b>	<b><u>AU</u></b>	<b><u>Second Semester</u></b>	<b><u>AU</u></b>
ENG 101 English Composition I (3)	ENG 1000 Introduction to Academic Writing (4)	ENG 102 English Composition II (3)	English Elective (4)
MTH 112 College Algebra (4)	MTH 1100 College Algebra (4, Quant and Formal Reason)	MTH 114 Trigonometry (3)	MTH 1310 Precalculus or elective (4)
APS101 Earth Science (4)	NSM 1400 Earth and Space Science (4)	CHM 142 General Chemistry I (5)	CHM 1310/Z General Chemistry I (4, Scientific Inquiry)
PSY 100 Introduction to Psychology (3)	PSY 1100 General Psychology (4, Human Inquiry)	PSY 212 Child Psychology (3) <b>OR</b> PSY 213 Adolescence (3)	PSY 3350 Child and Adolescent Development <b>OR</b> PSY Elective (4)
EDN 100 Introduction to Education (3)	EDU 2100 Foundations of Teaching and Learning	EDN 204 Exceptional Individual (3)	SPED 2120 Characteristics/Identification of Disabilities and the Law

**Second Year at ECC**

**Third Semester**

**Fourth Semester**

<b><u>ECC</u></b>	<b><u>AU</u></b>	<b><u>ECC</u></b>	<b><u>AU</u></b>
BIO 113 Molecular & Cellular Biology (4)	BIO 1210/Z General Biology I/Lab (4)	BIO 114 Organismal Bio, Evolution, Ecology (4)	BIO 1220/Z General Biology II/Lab (4)
CHM 143 General Chemistry II (5)	CHM 1320/Z General Chemistry II (4)	MTH Gen Ed (3)	Elective (4)
CMS 101 Fundamentals of Speech (3)	COM Elective (4)	Humanities Gen Ed (3)	Elective (3-4)
PSY 211 Educational Psychology (3)	EDU 2260 Learning Theories and Applications K-12 (4)	Social Science Gen Ed (3)	General Education (4, Cultural Literacy)
		Fine Arts Gen Ed (3)	General Education (4, Artistic Literacy)

**Third Year at Aurora University**

**Fifth Semester**

**Sixth Semester**

IDS 3500 Junior Mentoring (0.5)	IDS 3550 Junior Mentoring (0.5)
CHM 2410/Z Organic Chemistry I/Lab or CHM 2450/Z Analytical Chemistry Laboratory (4)	BIO 3530 (Evolution)
BIO 3400 Genetics (4)	EDU 3620 Teach/Assess Diverse Learners in Secondary Classroom
EDU 3720 Reading Across the Curriculum (4)	BIO 2280Z Microbiology/Laboratory (4)
PHY 2210/Z General Physics I/Lab or PHY 2240/Z Physics I/Laboratory (4)	PHY 2220/Z General Physics II/Lab or PHY 2250/Z Physics II/Laboratory (4)

**Fourth Year at Aurora University**

**Seventh Semester**

**Eighth Semester**

BIO 3510/Z Ecology with Lab (4)	EDU 4750 Student Teaching (13)
CHM 3555/Z Biochemistry/Laboratory or BIO 3600/Z Molecular Biology (4)	EDU 4760 Student Teaching Seminar (2)
EDU 3200 Content Area Methods for the Secondary Classroom (4)	
SPED 4620 Collaboration Models for Inclusion (4)	